

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 2001212664
PUBLICATION DATE : 07-08-01

APPLICATION DATE : 03-02-00
APPLICATION NUMBER : 2000026126

APPLICANT : SUMITOMO PRECISION PROD CO LTD;

INVENTOR : TAKASO MASASHI;

INT.CL. : B23K 1/00 B23K 1/19 B23K 31/02 B23K 35/32 C22C 14/00 F28D 9/00 F28F 3/08
F28F 21/08 // B23K101:14 B23K103:14

TITLE : PLATE FIN TYPE HEAT EXCHANGER AND METHOD FOR MANUFACTURING THE
SAME, AND BLAZING FILLER METAL

ABSTRACT : PROBLEM TO BE SOLVED: To provide light-weight and miniaturizable plate fin type heat exchanger which adopts titanium material as a measure against stress corrosion crack, having sufficient junction strength, high stress corrosion crack resistance, no problem for peeling, fluid leakage and so on, and easy for manufacturing.

SOLUTION: Blazing foil which is composed of 10-30 wt.% Cu and 10-30 wt.% Ni, is most appropriate for manufacturing the plate fin type heat exchanger which is mainly composed of laminated material, having the same corrosion resistance and strength with mother metal.

COPYRIGHT: (C)2001,JPO